



If this computer were a movie, it would be an action thriller.





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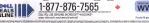
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· Annound for medical use

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look at the Samsung SlimLine 181T or 191T.

Monitor Line-Up	1817	1911		
Viewable Area	18.1"	101		
Pixel Pitch	0.381 mm	0.294 mm		
Englishes	290 cd//w ²	250 (45/W)		
Contract Ratio	509 1	500 1		
Yearing Angle	170° x 170°	170" × 170"		
Vertical Frequency (Max.)	86 Hz	8510		
Notive Resolution	1280 x 1004 (\$10A)	1280 × 1004 (500A)		

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COMPACT HIS Annual 2002

Sentember 2002

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IN THIS ISSUE

Notable

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Husic label releases amendmented PPS for sale

Digital Photography Exerino track of your fencous

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Sony refreshes discoming

Proteches for photographers

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Small Office Technology

Key is to move carefully between provise and have 55 Office Solve Torrespo Dictions Journal

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ViewSonic' See the difference:

Don't worry, be snap-happy



Summer is coming, and to Summy of us, that meets fits, was, and complete, lacresticity when people think about taking pertures, digital comeus come to mand. While withoutly everyone to the photo business sees

entryone in the photo business sees digital locating large in the famoudeers are still some major obtaides that digital enapshooters will encounter.

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relatively speaked, a very pool poor but till lagber that erroy-beet, pool van debed firs acception. Good and the state of the state of

de filts or digital media with equal case. That's rigidally changing, as a new study by Informada Riseada Cerup (mana/kicetic-gove) indicates. In the report, Pleate Keals and Renal Digital in Hostefmaking Ferricast. Belia United States and Renal Digital in Hostefmaking Ferricast. Belia United States that steered half of the photos books hat will shop this poer will be designed appedically for digital caseers users.

A case to protest in the new Wireshmat Self-Service Philat.

be screen. Hey dan make a few dissors item the casers, a such as commeter and airc of prints, and can also make a major of prints, and can also make more adjustments to colore and beightness. Frants are output eo a high quality dye-subhinistics prints be de-prints will be able to the injust an elibiding mindals of the system will be able to the injust an elibiding mindals.

the system will be able to the total an existing monthly setup.

The knock also includes a CD recorder, as the customer can burn their shalld images muo a CD.

Observa intends to place these in the usual setal outless but also in what it calls "high photo cutput" places like hotels and resorts—

even crame shaps Who know, in a couple of years, our favourite convenience stores may have our too. During the introduction

spokernan, John Nakefee noted that presently less than one persons of traugan taken with a depart danger are prosted at a read photochashing and on those is an executed as a read photochashing and the persons are present at the Control of the Control of the Person of the Control of the Control of the Person of the Pe

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the photo industry, objital seems soore lake a new for an encreokenem that has to be adjusted in. But he groups read the same eneach, and more or loss apon the foture—and it is digital.

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While CIRA part around more demo-

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Are display looks good with the screen

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This year. TOP recise: We obesied with the comme

Dot-ca authority holds second election

OTTAWA. One.-While the powerful

Authority (CIRA), which took control of early cardylates, but up of then were recommended by the current CIRA bers a year aux, wall collect votes for board, with mak-and-file members ments for part two additional normaces. Instally assalled as a second, the sine

were ported in those to terms morne

for and president of the Ottows area Anderson, and March Inflows, president

White CIRA may appear more democratic than ICANN, the composition of its board appears to be of less interest to even

> Canadian domain-name registrants.

two custing board members interact Personne, a founder of the NHUs

of excelability of GPS is a function of

by the CIRA board were unelectual Jung, National Capital FreeNet (Ottown) in med May, was being conducted large

Eligible to vote, CIFA says, were the 140,000 helders of dot-ca domain

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The coming world of digital photography

By Jeff Dyens

in morage year? If you're khe

According to Saures from Indoorse analyst (poor-Read (sees poorsed core), ground 550,000 in 2000), and up to 900,000 may be sold in 2003. With about 12 million hospitalds in Caracle, the means that within a very few years, most Creation femilies and besirence will have a digital camera as well as one or most tradational film comerces

No charge for suppoint

tures we talked to, one of the most strikung differences between ald sovie silver habde photography and its hightech digital course is that people with digital currents take voody more pictures only prior out a tray portion of the · Digital comerus allow the user to probe discarded within the corners or on

the PC before printing, while a files · Once you've prochased a digital careen tend recovery memory carde). takene a due tal umane is covernially frov. while every dick of film camera shotter

represents a real cash outles. Discreti · Digital carrers present can be sawed. burned to a CD, stood on a hard tion, floppy or memory card, pul-Inhed on a Web site, or attached to an email to Aust Martha, Making prints

Most of the current soliet newton, own

a dreder

rephistocated print head and ask technol ears, which combine to produce very high quality strates under ideal conditions. If you are an imaging hobbest, page resident can be rewarding in stall and in fact, photographic paincooking using high-end riflort printers has become a interpreted in perpuring loss of sur-

"Nearly half of all photo kiosks to be shipped in 2002 will be designed exclusively for digital camera users."

Do-in-variant practicalism even was more control over the process and viduals and small businesses, that's a strong motivation, Still, it's a most deal more work than dropping off a roll of If you want to have your deptal

and camera shops offer overterion or kicek photo printers, as seed as necesphoto printing services. In rod-Max, Infolloruly Research Group (rewestbeenbestom) and in its



images printed professionally, an rendy, photo blocks are used majely to increasing number of photographen make a few copies, or print enlarge ments, but it expects disked camera owners will use them as a "high-volume" method of printmaking. The muort also products that more photo-

retailers will be stataline probability for will devices. The implication is that it will over not matter whether you have a digital or will be designed exclusively for digital film carrers—seen local photofisiday will carriers same," InfoThends save that our he able to make wrote from either 13

Keeping track of your images

The continuing search for the perfect image cataloguing and software Dr Frank Look 10 -- HER -- 00 -- 0 a scanners and daysal corners continue to proliferate

hard drives are quickly getting dogged with irrage files. Windows XP provides some beau treds for requires this graphic influx, but there's still a big need for third party brase viewers, enhancing, and manipulating utilities are the first loss of defense. They let you have you ally though your smage files and provide vital tools for restring, adverting colour and contract, principe, noting on Wh page, and preparation

from one to another of the more popular file formats There are quate a number of these utilities to choose from ACD Systems (researchyters.com) and Media Center Plan Iron





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Photographers well also lake the outeror search cruiges by "scratterery" based on (US\$29.95) force PhotoDay Core.

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with embelishments like deopshedown



Another strong point is support for Folks com, and ProstBoom com, as well

function for grabbung mages from the Constultic does have some problems browning folders that contain sound and video clips, but doubling these file asso-

Company deplay to other netral to hard-core mers then to the cases!

Manager Was P

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against the best commercial products among all the common file formats, plus files. However, as thumband between to the viewer, and includes a branch of fence "unt" filter effects (sach as Feeless, or Oil

but is ugly and non-crefigurable

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For best results, use a careera setting that applies less compression—these are

that applies less compression—these are often called Tarye," or "high quality," Or, if your cames can save lessage in a reencompositud femont such as TEF, use it. Finiser straige, will fit on the memory card, but the quality will be better. Gentall denirosem lesses use + Clevis the

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a test print at low resolution on bond paper.
Defore making your final print, make sare you have enough mit. Frieta printing uses largel amounts of link, and there is, lettle more frustration than oriennes out.

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NE SEALTH CORP. CT 12 YEARS OF

Panasonic Lumix LC5 shines

By Sean Corrections nancore has move us as associated

of skrital strill califers over the part for years, but the introduction of the serious push I/89 the Canadian market-Disparbout, but the best-and made is stefa manimum servicine of 2.245x1.985 pin the top of the consumer catagory and feaimage toking, which means it should

anneal to advanced ampleasy obstaconships on addition to technology embusiness. Panasonic has trained up with Loice for the Liants line, and the LCS fratures Leicols. good (with some cameras, the last time to arresph that you can and us arrive out the The remain features hoth entiral and LCS visualistics. The opposit visualistics his a flogter adjustment wheel for you The LCD viewfieder is a 2.5-inch TFT disand since you have to one the LCB when mercelly facus, some other cameric makes it harder to determine whether

The included LCD shade attachment is eprincipals with EG2 your laters insurwhen you cut outdoors, which limits the and the of a digital cursor. The shade a lattle fill-out door. When you life the force than conveniended side exects nontion delt, rait, and top), and making the distinguishing over it bright undistr. a system it's probably the most useful shooting modes, regulating single, burst

eafly, 5th involution can be seved at 3955 eq is DPDF compatible inner of that uses to interest Card Server Puptal for starage. This camera came with a 32 Mil crost, but now can certainly law. sizes are applicate, and 256 and 512 MR



LCD treats to suck hard proper facts withinnect to additional batteries.

The LPS has a built-on flash in the bade of the camera, as well as a hot-shoe on ful exhemal firsh To get your pictures to is compatible with Windows St. Hr. 2001. tups up when you plug the canera rule the Though its price may seem prohibitive. Bettery life is provide and, though the



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Sony refreshes digicam line

rather this year, Sony of Capada ignormed direct common and digital

One halknack of Soar during converse modes they see. Not consent with the same solid-state memory cards. Some floory data that can be leaded directly

the range is occupied by Sone's chanks, but well-priced \$399 Cubenhot. depley common on most digital carethe DSC-P31, you'll need to lead them Probably the best collection of style

a really race looking camera that's a litale







derial your, 15 MS Mercey Suck. between a tend boost viewfinder and the





shortest, then use that pettern to read and the subsect to achieve the most recrcomes comes with Sons's InfoLithion gae you about 1,000 shots per full or Memory Sticks to get your digital pic-Som's latest Menor kneup roar be what of Merca these days one that writes small size if on CD-Ex or CD-EW's

disk model) is the \$699 MVC-FD200. tion to storing patterns on a flower disk. comes with a USS connection port for Mesowhile, among who yearts a CD Mexica had better be proposed for a four Serve more tax. The coolen CD Monca able CDs. It also comes with a 2.5-inch Sow has introduced a camera add-on for he Clif handbold (the one based on

take and display pictures on their handclottes it would allow them to bring a guidhing their handheld computer iii

Nikon shakes up Coolpix line

sst as we were going to press, we When (assessed of these raw Cooling 2000 - Day - Stury and benmessagivel models respectively

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The Coclety 6500 fr as update to the

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Hands On

Lab Tost . Hardware Evaluations

The multi-monitor desktop TCP Lab looks at graphics cards with dual interfaces

By Seas Carrathers



Windfill 2002 conference in Figuratic, one of the final largester moretor support in Windows and how graphics conh that currently respons

NS ROBAM running at 533 MHz. The

marker this year at Macrosoff's

This meetle's test Our not have been month our a 3.55 Visually

flat out A few flat panels

By Sens Complete

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Soundtrack scoring gets easier Conc Device (www.condolog.com)

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Soundtrack scorior outs easier

video to score and a particular score How it works

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mand under Timeless, select the time of

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rism and falls. The can be sweld for fine editing of the association's probation as

Controlling the volume

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SwartSound Divisionions and The Edge about 50-different soundwarks Included you actually get more than 50. Fe goodtorrise these soundtrade forther, Still, von'il probably use no most of the soundtracks you like quickly and be

> either attached to the valeous as a perakine. Samefee has a variety of

export options for both methods. The mooram has a parther of occurrful

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Soundtrack scoring gets easier Command from pure 32

This is a very worthwhile program for their own video editing With the explowas of chestal vales corners, FareWire. with Windows XFL there should be a

Muhi-monitor munin

paten was set up with a copy of

performance of the cards, we used MadOnna com's VOMerk 2001 SE many BAPCo's SYSmark 2002, which projections In both cases, the resultatwo was set to a very becomes like 1024x768 on both deplays, with a

Note under SESmark 2002 scores, eties," and OP for "office productivity." tion of the system as a velock, not just other components remained static between tennan any differences in benchmarking scores can be reasonably

ATT-hased Legged in Highwood 1981, Oct., ATL

but modest compared to the leaders.

mets, they don't benefit from the Sound should eventually include a tool that into Sound Modes for easy married little.

printary format. Although users can

nackassas when you're burring a Radeon

ay often come bundled with Hydroyston desktop management software, which

ATI Radeon 8500



memory resease at 550 MHz (earlier

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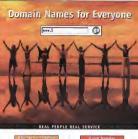


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venion including the one we trated come with 64 ME but the 125 ME was one should be embble at the own ersce). They also have four sendering modes 1909. Oddle she \$500 onesses MHz (the 7500 operates at 250 MHz), has the outra rendering pipelines and the fatter RAM steed cover than coveren-

The card features poetty good firefalls.

to configure your deskion(s) the way you supports resolutions up to 2.048s1.536. at 25 Hz peloods and on to 200 Hz refrosh addition to the ATI Multiworks Center. came faller from sensoir came with a As world copper from the orienteered does a whole lot better at 30 gameng substantial price and those looking for a

the 7500 a but easier on the finences, There who want the best of both worlds will five this one a lot, though resecuable cond designs performance, great 3D performance, malo-monitor services port, and it still costs a lot less than the A made about the process at \$473, the official pricing from ATI to still very back

marked down furly endoubly at noval probable prices, though it should be one most blicky to be discounted at this

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PowerDVD movie playback refovers. ries; et 275 M2to, (the full Radeon 85%)

unforces. What was do not it sold not tainly mod, if art exactly stellar, and the

application performance under STSmark was asked.

PerserColor Radeon 8580 Ind Moster II

C Servey 786 (5-10) 9" favore 900" (6: 10)

feature Phylapology, ATI Multimeda plackagings, and the care line. If you want something a bit move modest. PowerColor offers a version of SE score was a lot more moders, but the there if 3D suppose just a consoles of a

As with other Radeon \$500 cards the

nectors on the back, and comes with a DWE-to-VGA dongle if you want to pan

two Wisk monetors. The contains features S-Video and slaps with the S-Video-to-

Thinks to Supercom (newspercomo)

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meets found in home deskton PCs seen cards lower definitely had more of a focus

The oncurior beacountered in ing affordable dool head technology, and trate on noder While the Matron cands business counted, here your ever open it has not announced the Parhele-512

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Matrey Millenniam C558



A craick look at the benchmarkone scores arreals Meton's current strengths and perform passion a current stringen was burness deskrep solution, the Milenson GSS come through made

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Faces that memoration it much. It has and comm with a DVI to WiA dought an

carries with a Wil-to-S-Video/composite your secondary deplier for output to a

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One interesting feature included with ware, which creates a 3D smale of your

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Multi-rapelitor maria

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Video cut. The parkup chies with a can only my our of the naturals on the composes samper for use with older

The card features the smodard currents

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vegering dirti com-



the loss is the almosts, beamark, which one form used anto the houtuals, both of

Multi-monitor trailblazers

A phila there has been multi-monitor papert within the Windows OSes some Windows 55, there wron't a unde vorsety of consumer-level to hook up two WGA droplays, and fea-Wen the Patrix cards sent introcard marker, but were quickly overshad-

While the Motors cards certainly held 20/00 cards solled more to terror of AGP has and the other on PCD.

ATT: Balance MF. Though the Balance MF. wasn't the finitest-perference 38 card, it. ed to play the occasional name, addi-

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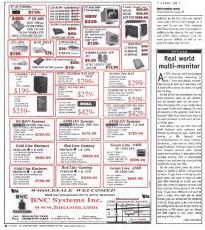
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Wasserd also offers a darbate evoluti-4400 cards, the performance well be a but lower (at checks in at around \$500).

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Solutions for Small Business . Connecting Home & World

E-business prospects 'bright' Carroll savs key is to move carefully between promise and hype

By Jeff Evans

Uniform you've been hiding under a rock for the post few pure, you have understoodly been the nome him Carroll, the had the during so explain both the posts and possines of the Internet so Commission, and a unders or exactles of teamy beautiful goods initialities? The Commission Internet Directory series and

Nerversg në lefterninë (Api. Në a recent periori që finarë Piscopa (senunstirartua), a Haghewe hund ancelninë nëveted to conaenté development devengh the use of aristmetem technologie. TCP had the apparatuaje a hear what Carroll had to my development development as a Insuren residean. Hat van boh u colonie toverside the allientes of the felternet bibble ennet die ficklistense

to-be-fulffed promine of the weed world.

"The media has good from merchinic optimizes to accoulable positioners" about





Microsoft expands Project 2002 offerings

Account wants to being protect management out of the project consister's effice and enter the big wate world. As Microsoft colderates the 10th ana remaining of the Project software it is collete out the 2002 version in several events, with the interiors of beinging project management to everyone from the

small company right up to the larger emergies. According to knowly Galant, product manager the Project 2002 at Macrosi-Canada, the company has mellined that its north to presently apposed management and the product as pick of disease, to divide the product up into different officings. The mostle to the recently amended family of products. Microsoft wavefulled hard of products. Microsoft

(a) Mid-based pertal), all of which see supposed to "work in samen to provide a scatable, customerable solution for enterprise project management."
Codes now Donate 2001 to Assess Assess

three types of customers. The first is a professional project example who works the best tool available for placeing, managing, and teem collaboration. These tuess deal's stay from the predmany people in the detroms who were "The media has some from unrealistic ontimism to unrealistic neceimien" about

technology, Carroll, says. "It's like a hangover-upu went to a party, you did a lot of silly things, and you don't

want to think about it the next morning,"

perty hands, Carroll thesis at his senab-"The above home fall the building" Carroll sokes. The companies with mal products and

real curtomers are still in business and According to Cored, they wishly your of streamening and structures in ordering. catures, collaboration, and mobile work.

The difference between shopping and

except. I year online to find some fract for good own, and then company of them for more references, which

- SHALL OFFICE TECHNOLOGY > slowed me to make a final decision. The

According to Carroll, any size basiness basic lercut and pages, using a standerd Web development package like the laterace "How a small business can

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viduals and memoraphies of many sublic and private progressions in the Juvater Toronto area (to so-called Toronto Technology Region) to meet and perwere white where implied or interested in technology.

arrives recomplain of Tourists as a world centre for technology and business levestevert, and consultation with different levels of coverament on number of business and

Smort Towerto charges a fee for membership based on the size of the company or enamenton, and offers results servines and exerts to allow menkers to meet and

Other propressions that eart to prompts the man effective use of technology and

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F-business prospects "brieff" by believes that reson will treamph over

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ealer to get the couple they do next, gon revenue along to the articlemakes an sease according to the large of over the laterach potential versus its

a mass medium since the streeten of the World Wide Web less than a decade

"Until five years ago, it was

considered rude to do business on the Web. It'll take another five. 10 or 20 years to begin to see what the

Internet is really destined to According to Carroll, there is a let of methology about the Internet that produ to be dispelled in order to think clearly customers charging catablished behavactively roost charge. Business to basidate the reality that, for exemple, purbusiness their was, doing lanch and maker share calls to their hadden at other companies

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release as esecutives who need a highlevel were of their organization's peop ect portfolio and the ability to assiste that data engly, Passect Web Access to made for this group. To accom-Server Clarest Access Taceone miller

exalture, which allows there to create offering that really appeals to the small My be the help tool called Presect ness managers dynamically plan, track,

Galata explains that at Jeta users create project templates, and includes tomer who obtusts maintenance on an earlier sersion of Microsoft Project by and will receive a free copy of

sitigation revolution, working back from completion dates, and so on.

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desect and concret it with the desirtor PC to install the recessary driver software. The The PDA Mouse is compatible with all handholds running Polin OS 3.0 or higher. reclarding devices from Pales, Handspring, SMM, Sony, and Handitra. It is priced at

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Viewing journal entries

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Liberty Village New Media Centre looks beyond Toronto

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director of Tonoggo-based Liberty Vilear Mark Madia Contra (TVNMC) "The fact of the syster is that new before the bubble and there are new

Terrate-based Dicheria Inc. released or thed savuel Interactor Media Produces Supery and found that the sacrosse over 1999. And, decree record achieved more than \$100,000 in revenue about one quarter reported that they

ellipses that belond they men broader Adam Fromes, remident and chief emores effor of Dones, son that redore some crush really did you surrow

"The commone that consider become ones that were not focused on one speeffic technology or unheater." Former adds "They was more downfed and Borble and could remain what needs metal houses solutions"

National cost serting If there is a continuing problem with the nese mode market in Caracle Borrows

Fromas sees the new media market in will some house rolling and accord new initiatives that will are it become more

Taconto-centric in an effort to plur a

"A lot of new modes arrange acress fanding, sponsors, and so forth, there so to your the dady nesters and the

domes of coordination between the different groups in order to cut down on Rule now there is no other oneassa-We have a physical space, physical and

heira Comdier nes mela communic was its secreorship of the Canadian

compage of the year nevy Halphy-based Collidaratoras Darled Braductions a Critical Mass, a developer of interactive Entertuazione, a developer of interac-

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VueScan: scanner's little helper

By Frank Lenk

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By Frank Lenk

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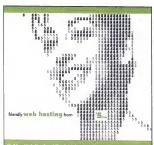
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collet to 98.853 in April, seed a report. Sy McGoot NetChiznes (www.netchiznes) (www.netchiznes). The count pealed in Musch 2800 in 59.958 before starting a downwaled band. "The burst of ordine add over the last three months indicates that the ordine and market is finding ower two leaders," seed

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lent to a 35-70 mm asom on a 35 mm The camesa body is 13.6x6.7x4.6 cm 14 first dark Tim) and wands on at 100 m (10.5 or) loaded with batteres. The batteries and provides a helpful grea when

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Solving the statter batter recities a threevisules, or custaring imposs, Alac stone is a fear-way ractor for scrolling change

DX4900 tops EasyShare line

Section or shoot beans. In shortists

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By David Tamaka

The FineFix FR00 is the latest in Figs
Fhota's table-than-wide line of camray, which have been marketed for
their style as much as their preference
for example, the FR07's prediception
fire fixed their preference of their prefe

Frent's 60002, precely proceive of design by F.A. Frontie. While the 1907 looks meritar, it has stratify been extensively employ from the 1907 looks and the 1907 looks and strond—2 29 5424. For (2.0.36) at 1907 Joseph de 1907 looks at 1907 Fed. 600m (2.2.0.3 lb.1.4 hy). It is also considerably most soended with flewer confere glaces With the salest attainable from the 1907 looks and the 1907 looks to the 1907 looks and the 1907 looks the 1907 looks and the 1907 looks 1907 looks and 1907 looks 1907 looks

The opport own of the Bill State of the Stat

linage sensor resolution. Figs counters

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April 149 Prob. Nov. Comity, www.hydrite.co. Suggested steal pace \$895

IGEL will cover severegozioni magei. ELSTI sitti purpo per con de la caractera. De del rectangular patternos y es anotre cesa ha especial con esta del rectangular patternos y estados Sapericio cameno i sa di ser porchaso Sapericio cameno i sa di ser porchaso Sapericio cameno i sa di ser porchaso sapericio cameno del coccepy come thas 1 1 MS of attarges, and 10 plan solgidad a fargin suppose del coccepy come thas 1 MS of attarges, and 10 plan solgidad a fargin suppose del coccepy come thas 10 mS of the suppose del companio del considera del companio del companio del considera del companio del companio del considera del companio del considera del companio de

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Online & Connected

Internet Trends . Work & Play on the Web

Small tweaks benefit HomeSite

By Krith Schopelli-Roberts

nor come time. Homefile has been I the editor of choice for those who Allain-Hourfitz's crimial devilores-last year, the Web community has been wonderner what at would do with WYSTHYG With page officer. Thackfully, I can report that Horsefee, though the advances are Horselite developed to good reputasence festures codes as different lanmarry. Mr. HTML ASP, CSS, and Imsternet, appear in different colours. tox editor is thorough and contains lots between specific attributes, and



Setting up the monitors acquiring arcide machines that creed Street Well-Garden Wid mention they are perfect for PC use

Building a MAME arcade

cabinet: Part 6

colour brievines flooling which would or at the very least would have meant we seeded to replace the cable on one of

VGA cable, from which we managed to create a replacement using the discram These monton take a VSA output and a stable pictury (nost computer monitors

rates). Thankfally, I faund a video driver controls. I had the moretar up and run

TopStyle 2.5 for fast, accurate CSS coding

Fans Pc

SPECIAL

a subjects to change without notices. We

Building a MAME proade calvinet. Part 6

sine. While the resolution is note W.S. the size of the screen makes up for this, make DRZ playback. All three of us bought addadvantage of this copolitics.

make the expanence as authority as nondetailing. One of these was commo as I still had the original sign for my local print and photocopy shops to see if

Guargies of managers designed by RE Co.

all prood, coming up with three seporate decore, all of which incorporated some elements trian from MAME accountries.

game The sama, Xmen 7. is in that were among my favourites,

simple to add a policy mechanism to the

Next time: Engling touches

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With Horselite 1.0. Maconomicle has One problem I repeatedly run into

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Horselite 50 is still something of a

when memory is getting loss giving you

previous version of Homefitz was the

length of time at took to access files in

new directories. If I wanted to drag an

program accessed the directors, then

that your code at secure and that you

The improvements

curly work on code at the same time as A much approved code validator now will help you convert HTML

to XHTMI --- bendy tool for producing code that well The origon Homefite now has in more

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Another disspersentment was the lack. comes to writing Cascading Stole Sheet vegation) includes a trial version of leanther whenever wen want to meet ing that with the growing prominence of

operent emissionests like ColdFariors. ASP, and ISP Defecturately, there is no equivalent tab for PHF functions, a glar-

receipes versions, Entitud Homefile correspoil find the new features sufficient sensent direct-coding features

Macromofia belied at the opportunity With development programs, some resteed with secremental changes. 23

er-seether would improvement that bus. The progress comes with a built-in figthen publish them live to your Web serv-

ing between commonly accessed direc-

A qualified thereis up

would put offert auto building a reomiesa CSS editor within Homelies, but no The program comes with built-in take

Macromodia Fineworks But I was done

Macromedia products, pur-

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elements, as well as contradual and child igns the power of CSS foreigness.

Calem with trick NO-Pers is a sets that could make your

Inspector to select which CSS standard to validate your code signiest. TepStyle standards, it includes a therough breakinfinidual versions of the major browsers. TreStyle makes it easy to tune CSS rode to a nextinuar benear or to make sum it's compatible with a wider range

Once you've chosen the elements you

colours, forts, bire-telephos, and a more ad of other CSS formatting properties Inspector, A preview page! somediately displays the effects of your code, withw ndow

New users are bloke to find the layout though a wipard-based approach fieldch to your Web pages, Bridgett's TopStyle be downloaded from Studsoft's tate -Kerth Schengli-Anderts

IE extensions to CSS: Transitions Part 2

By Krith Scheneili-Roberts In the last article, we looked at some of the transfer filters excluble in the gross recent versions of

descript to capture a viewer's attention while mesons from one Web object to the available transitions. Most of the fol-

constoxigace Sketchi Applyto.



orborate wildow "totale". J.

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ecadual devolve using a gradient band

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Shropped Dilmess Fuseborn Microroft Stronglide This produces a spectrothed wine leading from the too-left owner to the

There are been been of anodosewood term

Random/Damby, Soft are petty add content by exposing sundon peach over duration, embled, and erientation

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Share-shifting transitions

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The Sound Office reveals a new object and and See's The two unique attributes

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place of the filter statement in the Stretching and sheling erabled, and streich/levie. The letter can

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monthly opecia UPGRADE KITS

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Stretch transitions filter an action, insert the

The Stale filter works by "sticking" new contract into place. This filter has four attributes bends elements reabled and for the number of strips the new concept

a deoded into during the transition, and

RICHMOND HILL

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· Postase displays the objects as "lowres" positioned pactures, which then . Wheely mustle range construct on a point. ing motion. He the moving spokes of a wheel.

CONCINC & CONNECTED >

Sall mece filters

sition that moves down the old object other filters, wart Microsoft); online ref-

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'Experimental' online ads take on obnoxious tone

80510%. Meas—Surfing the Web can be so you'r work these days—pop up als aed animated graphics are beginning to elscipie content. "Divorce cases, cicking a button cleans the aid, but in other cases maters must

This same cases, cicking a batton closes the life, but in other cases waters must apply with certified the prior is complete before they are aboved to move on that Luccioca, a serior analyst with technology consultancy. The Winker Group (convenience) part of what he calls as "experiments time," when advertioning is in the mostile of what he calls as "experiments time," when advertioner by its fugure cast what works.

"Clerify, the barner didn't work," said laccustor who serves in the Internet becness strategies sector of the Yankee Group, "Advertisers are trying anything to get secolify attaction, and some of those secolify attaction, and some of those

things are retructive.

When are ordine all fractures music, speech or sound effects, the "raise" is not always resourced processing by those who have headphones or, Lancaster said the observed that some advertisaments do

"One of the great assets of the Enternet's USES have complete control over everylining they see and do. Of you force things into their focus, whose their depend on twific or salsonation revenue risk floring their " he stat."

of fat its tew rater appeared on Noombothin Wessel "sharing cream" appeared to save the order page which wis them removed by an entirated state. Nacombothine has assisted a dis from assest all devisiones—including Compate, Kenam and the U.S. Army—their pag up to metal beauting many as a same ridde.

With vertics that some advertises are going too far. He sald someone needs to pay for the

deprop up also online, but not at the risk of alreading uses.

Young would lies company streets for the mount fallows.

"It is important to think of the orcoer," he said. "We are bying to provi products and brild branch, but we have next be considerate."

"Ripport." "with residents." TV also is

pages on the latement. We video ads "Value fees," in sourcing. They are dependent on the safet having a serplayer socialed on his or her compute. When so washe with a side with enhelded ad. Value and so what matically detects the immedian up

enhelded at, Vapanet's software automiscully detects the connection speed the person to and series the appropriate version of chroming-vision. The company's adventures include Homes, Limit Sate, Care-Colo and the Dismost Trading Campany, formerly cover as of Peters Navioral (Chromit years) as offeren Navioral (Chromit Campany).

puts their prifer.

"He use a tried and true medium relation—and bring that to the Enter seld Young. "But we factor in user to

Opposets resent tectic is a barrier that must be rolled over by the user to see a TV at first folios Sot. When you roll over the barrier, if opposits and the ad beyon playing Skt people still, here an oppositually to belt out by stopping the ad matter the second or decong the wonder of decong the wonder.

now, sour newsy According to floury, shawing the littlepot, which showed have cars apparently (alyting one-on-one busiethall on a only, onlive-synd the alkertiser a way or took exactly how many people saw the of for how many second—same/may not moliable on television.

The Yankee Groups Lancaster used the bond towards video als will secresule as more bousheds become wind with highspeed Informaticasts. "Some sites have more throughout come "Some sites have more throughout come automated fine those some are becoming automated fine those some." he side!

those act "
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Music label releases unencrypted MP3 for sale

the first trace a record moved label cubfork over US\$5.99 for the right to own "Forth," a track by bound Meshell mesor-label artist has ever gut a down-

1850 99 at a number of VUNE USA MPLOTE Tellimotros com. CetMosiccom and Tomanic ACF3 services also will be able to

Because the track is an measurement MP3, it will be possible for literary to

Josephan Lean, spokesman for the America (RSAA), and his erganisation compared on Mesonich's MP3 selesse. "The is a hold man for Mesmody Records and Methell Ndepending and Marie and Media Group, in a syntar

making? may Stone Wander Librar on sencollect and enjoy this previously unre-GartnerG2 rease undergry analysis

Named the reducious MIPS mountains service that set the mans; industry on its tion chargely and marketing methods

more as at least a street in the right down news," he said, "Fiopefully the yest of the labels are nalong more, and have plans to do the same in the near term."

observer and author of a forthcommois among their its MPI concerned and, "to that they're trying to add a CD

bothers me the most. The fact that readers of neutral na core money?



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"The overriding principle here," Hill said, "is that they're trying to sell a CD on the basis of a single. That's what bothers me the most.

The fact that they're even charging for the single makes it worse in my mind."

est the component manner has past home for the x shelf shally has get at four one mack free each of learners in at fear one mack free each of learners in a fear manner and y good sign. "I as glad to see that," (Hill said." Thus a seems. He wish a range incremental netween Educately, 100 part like to see assembling moore bold. As the se they learner to make the fear occurred, and as the set had \$6.00 occurrent. They seem the set had \$6.00 occurrent. They seem the set in the set of the fear occurrent.

e heting models, is complicity unhelpful to mic."

Analyst Vonder Hair and the MFS

Analyst Vooder Haar and the MIP release in closel it is a publicity play that well generate publicty and inference in a relatively unknown artest, the soal. It is also a tentitive strengt to use MIPs to take just the area source of sevenes, by making people pofor the claimse to heart a pertion at product that they would be then here to product that they would be then here to

pay for again, in slightly different for on CD.

And, he said, if the song gener man increast among pintes than buy it will provide assumanation labels.

a will provide assumation labels can use to qualify their attempts to squeeze the per-tim-peer pape shot, limited Haar radicated. "That's why it's a no-lose situation to try this on a very immed base," he said. "It's is not people come and buy it, then ET Barmarn was right. If they don't

come and buy, or if only a few copins get and and it mans thereing up on all the surrous manic file-drating services, then the record undustry can collectively any N-ball told you se?"

—Newlyon New Fujitsu technology for HDOs fultra (rendatural) has devilated one text lead and media technologies than in

rays will enable tract this drive (1900) recording detection of by to 300 playables per quare first (50/4/1). The schooling solutions that no one convention production of plans (1971). The schooling solutions that the school part in region to result (1976) and stiff highs carp actives were that these threes the playable during levels of convent (1900, by allowing convent to five year production to the Collegement. Lesting 60 and basis, which opening with the conreside in-plans mode, are convolved to here is being or approximately 150 G/6/41 and controlling than to the man of the plans of the collegement of the collegement of the controlling than to the man of the collegement of the co

In addition to its new read head technology Fights has announced a new advanced marks stribedopy, Beading on the 300 Gyber media democraticle announced in Agent 2005, Fights announced in Agent 2005, Fights announced in Agent 2005, Fights announced more stated on the control of the Agent 2005, Fights announced the Head with inequipose (Fight 2005) COUNTY (See The Agent 2005) Council 2005, Fights for forming of 150 Light?

Accordes to 1 Fights, this meets 200 Gibber in active deviced with other Agent 2005.

According to English, this means 300 SQ/m* is activately using the Advanced Systemic framingration Media beyond to expert a set in a residently mad a head NYBhis the next their years. English expects to implement these technologies in the commercial production of 25-sects hand drives. Within flour years, English Janther beneath to advice caseably invested of the 100 SD 68—enough in motion 15 inches.

quality \$10 movies. According to hights, these increases will drive povers in the market for 2.5-linth 1906 in PCs, consumer electronics devices, and other products and will eventually render the 3.5-inch devices (190 obsoleto. —172 Scalif

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and topics seems impressive. We less so of the titles are too-quality books from Officials, but others are netting a little

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the Geologica, feese prefronts and beam For the uninitiated, Greicorps is a nonarofic organization braded by Ethan Zuckernar, a former dot-carmer who good, taking with twn a small forture, and a decise to help bridge the dictipal Jorothan Word, a 24-year-old Taronto

native, is believed to bridge that one in White in that West African nation. More Serinally, and navetain the Geelhalla "To my surprise, Stee Grephix is impres-

said firweyer, equipment is only one part model, perhaps more important are the Enter Geekcorps edge and expertise for free in an effort to cently The benefiting company, through

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and civol, sless (floatation, rolume), and

context in the third section, which is ting throat up in 20 and 30 modeling

It concludes with several appendices

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learner to on edited version of that can versition. TCP. Del was always were to be an acc-BOt No Taughel, As first I didn't colby know what I wanted to be after blab

knew I wanted to do comedium; creative. I really liked computers—I found I

could understand them quite well but at the same time, I didn't like what I unsents. So I just looked for something I was looking unto multimedia and Film School, and not started mally moneg it.

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to create a program As noted provithe mogram is fairly smale, it has one

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